

## Analysis

**OD/372/3572/121511/419171/00064079 : REPAIR AND MAINTENANCE OF MEGHNAD UPS**  
**Block : Ullunda, Gram Panchayat : Khemaloe**  
**Created By:Chinmaya Mahananda**

<b>Item 1</b>
<b>Earth Work (AR0115):</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work <b>Filling foundation and plinth with sand well watered and rammed</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	170.25	17025	0

<b>Total Amount (a+b+c)</b>	64040.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	4803.024
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	5163.2508
<b>LABOUR CESS @ 1% (+)</b>	740.065948
<b>Grand Total</b>	74746.660748
<b>Say For Unit 1 (Grand Total/100)</b>	747.46660748

<b>Item 2</b>
<b>Concrete (AR0303):</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.
Sub-Item of Work <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>

a) Specific Rate Details
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Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	515.44	1180.3576	212.464368
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1045.91	1004.0736	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	170.25	81.72	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	279.5	268.32	0

<b>Total Amount (a+b+c)</b>	5663.88268
<b>Total GST (a)</b>	212.464368
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	440.7260286
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	473.780480745
<b>LABOUR CESS @ 1% (+)</b>	67.90853557345
<b>Grand Total</b>	6858.7620929184
<b>Say For Unit 1 (Grand Total/1)</b>	6858.7620929184

#### Item 3

**Flooring (AR0817aa):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sub-Item of Work

**Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0

<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR044</b> : Mason	3.25	Per day	612	1989	0
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	515.44	708.73	127.5714
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	76.88	11.532	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	11.2375001	112.375001	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	30.732	42.2565	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	341.11	51.1665	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	170.25	25.5375	0

<b>Total Amount (a+b+c)</b>	14929.097501
<b>Total GST (a)</b>	127.5714
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1129.250167575
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1213.9439301431
<b>LABOUR CESS @ 1% (+)</b>	173.99862998718
<b>Grand Total</b>	17573.861628705
<b>Say For Unit 1 (Grand Total/10)</b>	1757.3861628705

#### Item 4

**Concrete (AR0318):** 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)

Sub-Item of Work  
**4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1.008	Per day	462	465.696	0
LR044 : Mason	0.165	Per day	612	100.98	0
BRM340 : Cement	0.1287	1 Qntl.	515.44	66.337128	11.94068304
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	76.88	1.38384	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	850.2	15.3036	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	1380	24.84	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	30.732	3.9552084	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	1045.91	18.82638	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	1045.91	18.82638	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	170.25	3.0645	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	279.5	5.031	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	279.5	5.031	0

<b>Total Amount (a+b+c)</b>	735.4150164
<b>Total GST (a)</b>	11.94068304
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	56.051677458
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	60.25555326735

<b>LABOUR CESS @ 1% (+)</b>	8.6366293016535
<b>Grand Total</b>	872.299559467
<b>Say For Unit 1 (Grand Total/1)</b>	872.299559467

**Hitlar Beshra  
JE  
Ullunda Block**

**Umesh Kumar Nayak  
AEE  
Ullunda Block**

**Chinmaya Mahananda  
BDO  
Ullunda Block**